UHS4

Infra-Red Handset

Overview

The UHS4 is a compact infrared handset used for the operation, configuration and programming of **An-10®** products.

The handset operates in one of four modes:

- **User Mode**: the default end-user mode used for scene selection, raising/lowering levels, etc.
- **Configuration Mode**: used for setting addresses and general set-up parameters.
- **Sensing Mode**: used for setting parameters on motion detectors.
- **Scene Mode**: for programming scenes on various devices.

Typically, most user control functions require a single button press. Programming is achieved by pressing a number of buttons in a sequence and then transmitting the sequence to a device by pressing the arrow/send button.

Using the handset

Changing the Handset Mode

The UHS4 always defaults to User Mode and will automatically return to User Mode from any other mode if no buttons are pressed within a 30 second period.

To switch to another mode, press the **F** key — the SCENE LED will light for 2 seconds. While the SCENE LED is lit press the appropriate mode access key (**7**, **8** or **9**):

Mode	Access by pressing	For further details
User		See page 3
Configuration	F + 7	See page 4-5
Sensing	F + 8	See page 6
Scene	F + 9	See page 7

Access to the programming modes can be locked such that a user cannot accidentally change system parameters (see page 3 for further details).

Handset Indicators

The LED indicators on the handset give feedback on the current status:

User Mode Active
All LEDs off

Configuration Mode Active
CONFIG blinks at 1 second intervals

Sensing Mode Active
SENSING blinks at 1 second intervals

Scene Mode Active
SCENE blinks at 1 second intervals

When a button is pressed
SCENE flashes once while in User, Configuration or Sensing Mode
Note: CONFIG flashes once while in Scene Mode

Sending / saving new setting
SENSING flashes once

Using the handset

Pointing the Handset

You must point the handset directly at the device that you want to control or program (see Fig 1).

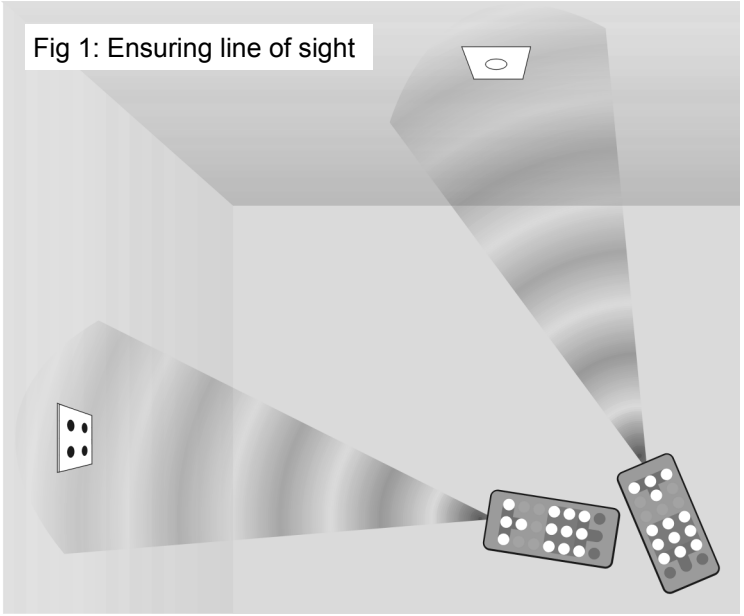


Fig 1: Ensuring line of sight

When programming a device it is only necessary to point the handset when 'sending' a new setting.

Programming a Battery-powered Device

Battery-powered devices must be set into a receive mode before they can be programmed.

This is achieved by pressing the Config Button on the device. The device's LED indicator will then blink red to show it is in receive mode.

NOTE: *Please refer to the target device's instruction leaflet for the location of its Config Button.*

The device will return to sleep mode if it does not receive any commands within 30 seconds.

Permanently powered devices are always ready to receive the infrared signals provided by the handset.

Understanding Device Indicators

All devices are fitted with LED indication which gives feedback on settings they receive from the handset (see individual device's instructions).

Factory Reset and Software Reset

Sending a Factory Reset command to a device will clear all settings and return them to their factory defaults.

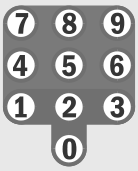
Sending a Software Reset command to a device will reboot the device but retain current settings.

See the Configuration mode section on page 4 for programming details.

Scene Control Operation

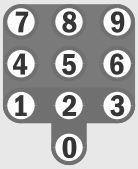
Select a Scene

from **1** to **9** (local scenes)
or **0** (scene 20 - default 'off' scene)



Select a Scene S

from **1** to **20** (local scenes)
from **101** to **220** (area scenes)



Raise overall light level +

Lower overall light level −

Recall current scene C

Select last 'on' scene |

All lights off (scene 20) 0 or ◯

Change User Access

Access Mode F + A 9 9 8

SENSING

All modes active (default) 0

User mode only active 1

User & Scene modes active 2

Save the new access mode

Cancel ◯

NOTE: Changing the access mode only affects the operation of the handset, i.e. it does not send settings to another device.

Configuration mode

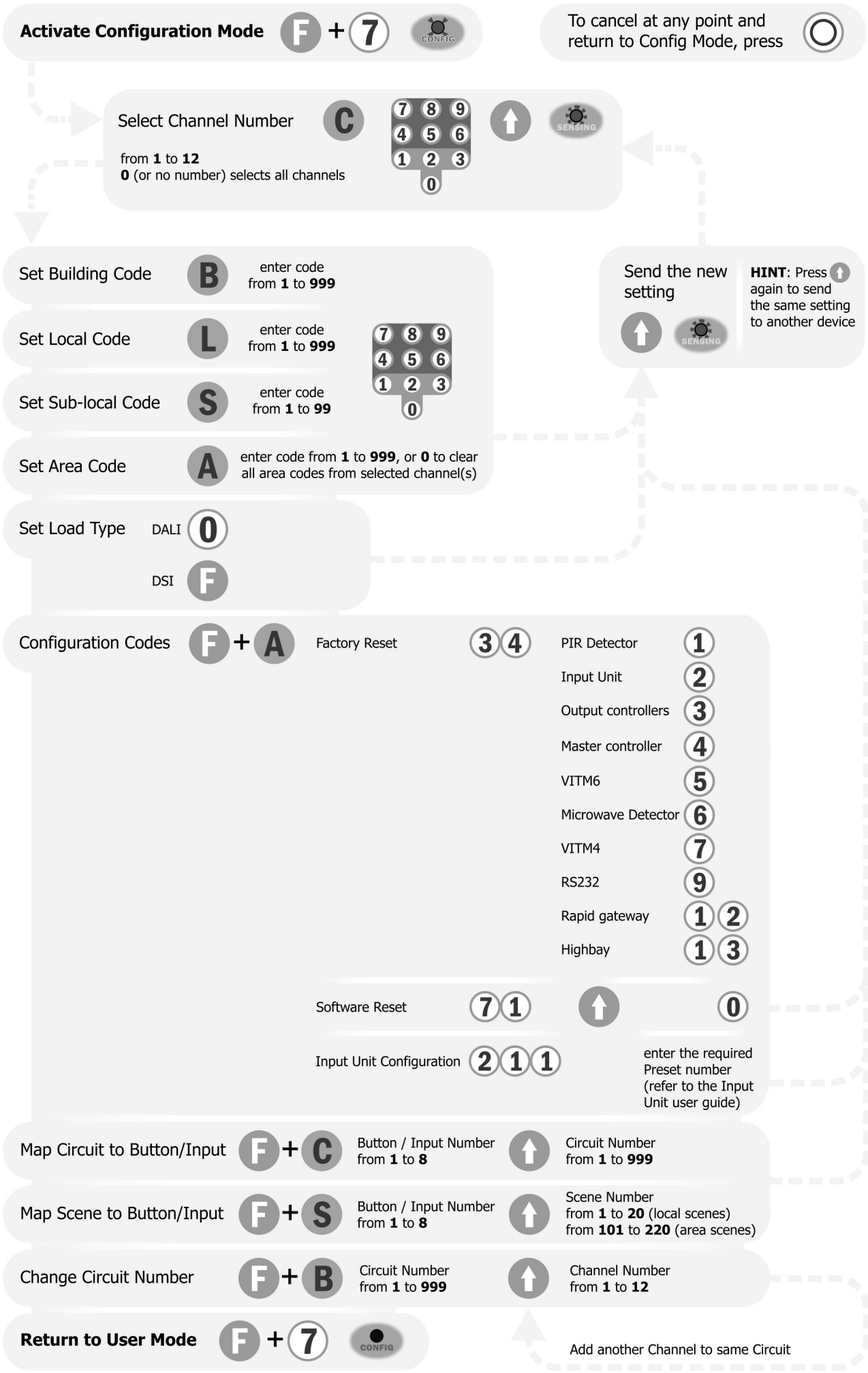
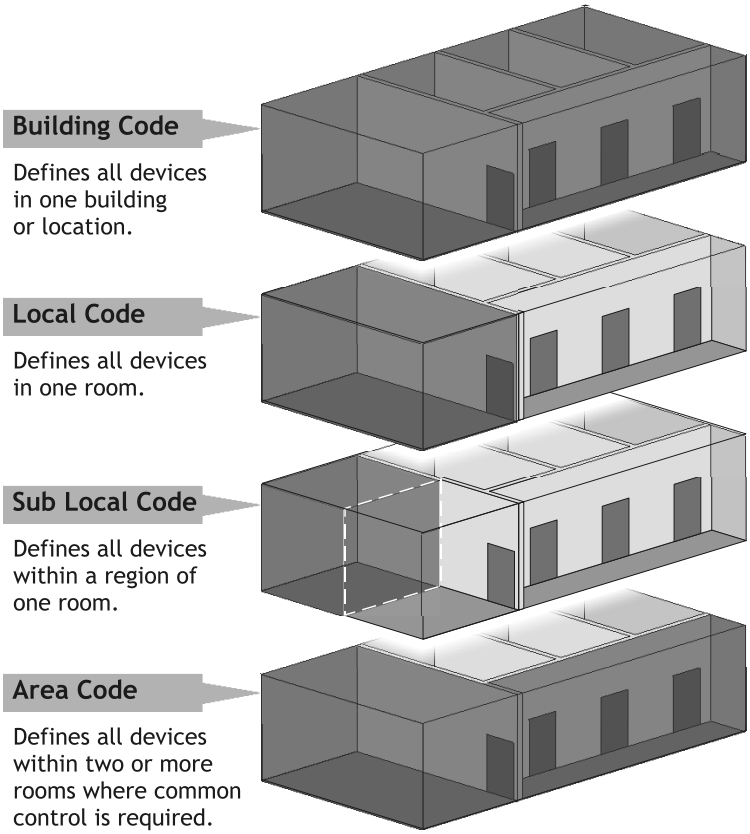


Fig 2: Guidance for setting device address codes

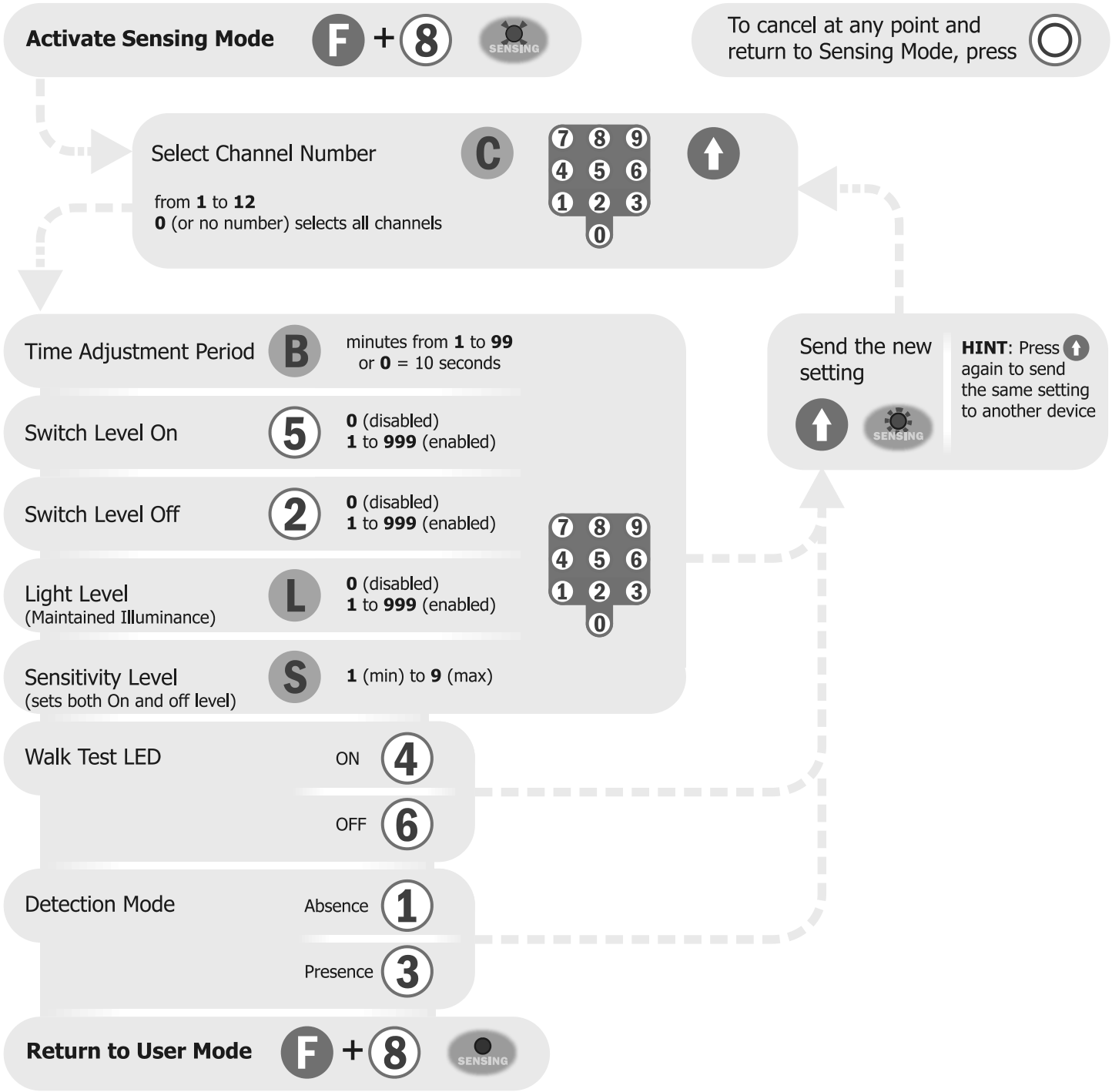

Building Code
Defines all devices in one building or location.
Local Code
Defines all devices in one room.
Sub Local Code
Defines all devices within a region of one room.
Area Code
Defines all devices within two or more rooms where common control is required.

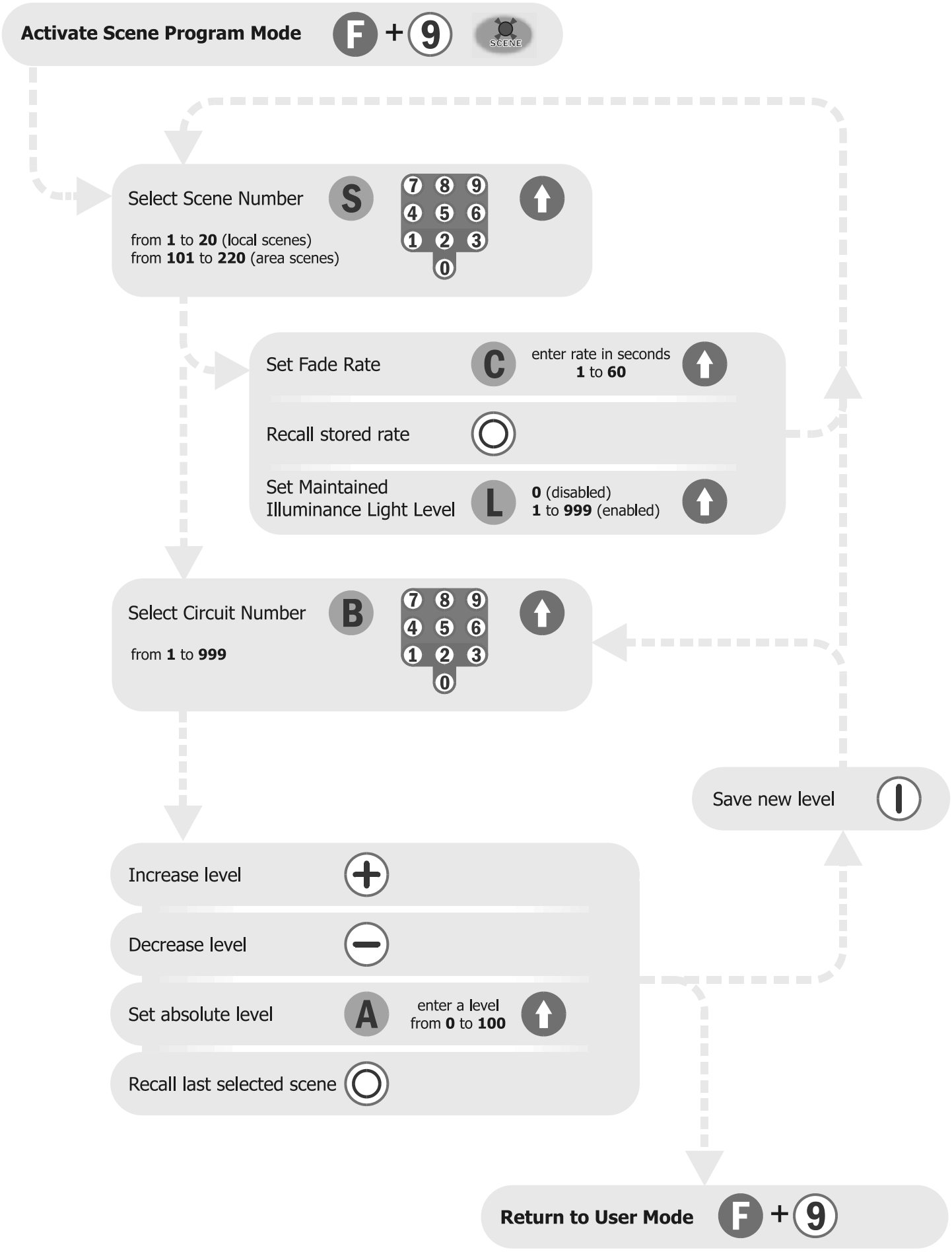
Configuration codes

Configuration codes are special codes that will implement specific commands or parameters. The section opposite explains how these codes, within configuration mode, can be programmed.

The section opposite explains how to implement Factory Reset and Software Reset, and shows an example using the input unit. The device specific codes that can be found in the device's user instructions. The format of the codes is a 3 digit configuration code followed by variable that may correspond to a level or state.

Sensing mode




Activate Scene Program Mode
F + 9
SCENE
Select Scene Number
S
7 8 9
4 5 6
1 2 3
0
from 1 to 20 (local scenes)
from 101 to 220 (area scenes)
Set Fade Rate
C
enter rate in seconds
1 to 60
Recall stored rate
Set Maintained
Illuminance Light Level
L
0 (disabled)
1 to 999 (enabled)
Select Circuit Number
B
from 1 to 999
Save new level
Increase level
Decrease level
Set absolute level
A
enter a level
from 0 to 100
Recall last selected scene
Return to User Mode
F + 9

Care and maintenance

Replacing the Battery

The battery compartment is located on the bottom edge of the handset.

Release the retaining lug (Fig 3.1) to allow the battery holder to be slid out (Fig 3.2).

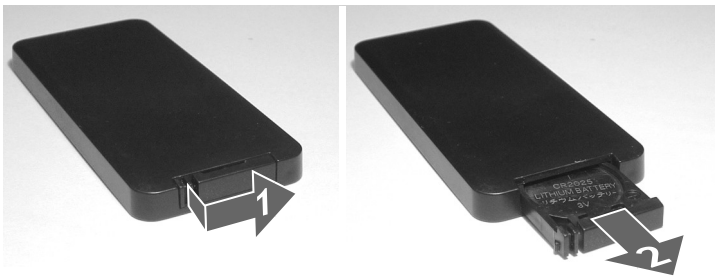
Lift out the battery from the holder and insert a replacement battery (type CR2025 or equivalent), ensuring correct polarity.

Slide the holder back into the handset, ensuring that the retaining lug clicks into place.

Cleaning the Handset

The exterior of the handset can be cleaned by using a damp cloth. Stubborn marks may be removed by using a mild detergent.

Fig 3: Accessing the internal battery



Technical data

Dimensions	86mm x 4mm x 67mm
Weight	0.017kg
Battery	3Vdc lithium battery CR2025 (supplied with unit)
IR range	7m
Temperature	0ºC to 35ºC
Humidity	5 to 95% non-condensing
Compliance	EMC-2004/108/EC LVD-2006/95/EC

If any of these symbols are on the product or battery, the product or battery must be disposed of in the correct manner and must not be treated as household or general waste.

Part numbers

UHS4	An-10 IR handset
UNLCDHS	Universal LCD IR handset

FM 45789 EMS 534520

energy services and technology association

C.P. Electronics Ltd
Brent Crescent
London
NW10 7XR
United Kingdom
Tel: + 44 (0) 333 900 0671
Fax: + 44 (0) 333 900 0674
www.cpelectronics.co.uk
enquiry@cpelectronics.co.uk

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